

## CHECKLIST #0270 FOR THE APPROVAL OF: SHUTTERS

- Basic Requirements Checklist.
- One set of the manufacturer's 'approval document' including:
  - a) All components indicating: dimensions, material grade, thickness, etc.,
  - b) Installation details indicating: panel layouts and all mounting arrangements,
  - c) Anchors and fasteners used to secure the unit to each substrate indicating: type, size, spacing and minimum embedment, and
  - d) Maximum shutter span, minimum distance from glass and location of marking.
- Calculations for anchoring method of shutter assembly to the structure.
- Certified inspection report from mill supplying the shutter material indicating:
  - a) Chemical composition, and
  - b) Structural properties. (I.e. Fu, Fy, E & Elongation.)
- One set of manufacturer's design drawings marked and verified by the testing laboratory.

## The following current laboratory tests and test reports in compliance with protocol PA 301.

- Uniform Static Air test per PA202. Report deflection & recovery.
- □ Impact test per PA201. Report deflection, penetration & rupture.
- Cyclic test per PA203. Report deflection & recovery.
- □ Test verifying structural properties of materials used.

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